

-30-73

Corson, Lyman, & Pabst

The railroad siding, at National By-Products, was noticed to have considerable spillage on the ground. Due to poor housekeeping fairly large quantities of animal fat, Bone Meal, etc. were spilled on the ground. It was reported to the Health Dept.

9-5-72 Mo. Pacific Railway Lyman & Corson
Observations: 10:30 A.M.

1) Meat scraps etc. have been removed and gravel was been placed on grounds surrounding unloading areas.

2) Seepage of brown, odorous material was evidently running off of property indirection of Jorsan Creek. Caused by rainfall over weekend.

12-26-72

MO. Pac. Lyman Corson Criswell
Jordan & Fort 4:00 P.M.

Railroad siding found to have regressed in condition since last visit. Cleaning tank cars onto ground. Runoff into creek. Condition reported to Health Dept. Pictures taken.

200 N. FORT

INDUSTRIAL WASTE INVESTIGATION AND SURVEILLANCE STATUS REPORT

FIRM NAME M-Pac (National By-products Loading Area)

ADDRESS _____ TELEPHONE _____

PERSONNEL CONTACTED _____ POSITION _____

_____ POSITION _____

_____ POSITION _____

ACTION INITIATED BY: _____

- (1) pictures taken (8-29-72) of grounds surrounding the siding. Maggots, and spillage from tank cars are shown
- (2) 12-27-72 - area shows spillage, pictures taken
- (3) 4-30-73 - Spillage on ground, Reported to Health department.

1.300 Springfield
Southwest By-Products

CERTIFIED MAIL

August 31, 1978

Mr. Jerry Carter
Southwest By-Products
3401 N. Grant
Springfield, MO 65803

Dear Mr. Carter:

This office has been advised that there has recently been another discharge of contaminated wastewater from the Southwest By-Products' property just north of College Street off of Fort Street. The discharge was observed on Thursday night August 24, 1978, and was reported to have entered Jordon Creek.

Please note that it is a violation of State and Federal Laws to discharge to waters of the State without obtaining a permit to authorize it. It is also a violation to discharge inadequately treated wastewater (the August 24, 1978, discharge was reported to have had a pH of less than 2 standard units).

I suggest that you take whatever steps are necessary to insure that no further discharges occur from the location. Because this has been a reoccurring problem, any additional illegal discharge will be referred to our enforcement officer.

Your prompt attention to correcting this unsatisfactory condition will be expected. If you have any questions, please advise.

Sincerely,



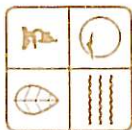
Charles Kroeger
Environmental Specialist II
Springfield Regional Office
Department of Natural Resources

CK:jh

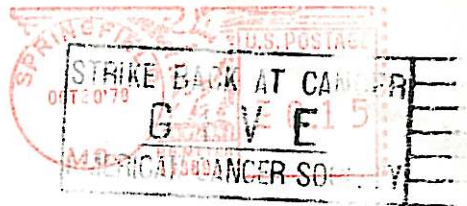
cc: Mr. Steve Townley, Enforcement Officer
Mr. J. D. Slaughter, Springfield Sanitary Services

200 N. FORT

MISSOURI DEPARTMENT OF NATURAL RESOURCES
1155 E. Cherokee St. Springfield, Missouri 65807



PROTECT MISSOURI
NATURAL RESOURCES
LAND - AIR - WATER



Mr. J. D. Slaughter
Sanitary Services
City Hall, 830 Boonville
Springfield, MO 65802

1.300 Springfield
Southwest By-Products

October 20, 1978

Mr. Ken White
Southwest By-Products
3401 N. Grant
Springfield, MO 65803

Dear Sir:

This is concerning the wastewater problem at the grease terminal operated by Southwest By-Products.

Please advise this office of your progress in eliminating the problem. We would like to know what corrective measures you are taking and the proposed completion date.

Since we discussed this problem on September 6, 1978, we have received another notification that grease has entered the creek. We must request that immediate corrective action be taken to prevent any further contaminants entering the creek.

Your prompt reply concerning the improvements will be expected and appreciated. If you have any questions, please advise.

Yours truly,



Charles L. Kroeger
Environmental Specialist II
Springfield Regional Office
Department of Natural Resources

CLK/cg

✓ C.C. Mr. J. D. Slaughter, Sanitary Services of Springfield

200 N. FORT

1.300 Springfield
Southwest By-Products

January 24, 1979

Mr. Ken White
Southwest By-Products
3401 N. Grant
Springfield, MO 65803

Dear Mr. White:

This is concerning the Southwest By-Products grease terminal on Fort Street. A review of our files discloses that we have not yet received plans for improvements which we discussed on October 27, 1978.

Please submit the plans to this office in the near future so that the runoff problem at the terminal can be corrected.

Your prompt reply will be appreciated.

Sincerely,



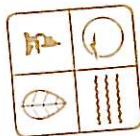
Charles L. Kroeger
Environmental Specialist II
Springfield Regional Office
Department of Natural Resources

CLK/jo

cc: ✓ Mr. Randy Lyman, City of Springfield

200 N. FORT

MISSOURI DEPARTMENT OF NATURAL RESOURCES
1155 E. Cherokee St. Springfield, Missouri 65807



PROTECT MISSOURI'S
NATURAL RESOURCES
LAND - AIR - WATER



Mr. J. D. Slaughter
Sanitary Services
City Hall, 830 Boonville
Springfield, MO 65802

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

MEMORANDUM

TO 1.300 Springfield - Southwest By-Products FROM C. Kroeger ^{CK}
SUBJECT Discharge at Fort & College DATE September 6, 1978

Ken White called on this date to inform me that they are attempting to eliminate the problem at the loading area at Fort & College Streets. They will install a system to catch the water and drain it to a pit where it will be either trapped and removed or separated from the fat and discharged. He indicated they will contact us when they have further investigated the problem. They will also check on the possibility of discharging to the municipal sewers.

CK:jh

cc: ✓ J. D. Slaughter, Sanitary Services

200 N. FORT

Stream Discharge

INDUSTRIAL WASTE MONITORING AND ANALYSES REPORT

Plant Southwest By-Products SIC _____ Date 3-21-79 Time 11:40
 Sampling point Discharge to Jordan Creek Method Grab
 Set up by Corson Removed by _____ Time _____
 Flow _____ Meter Start _____ Meter Ending _____
 Seal _____ Entered in billing file _____ by _____

Sample No.	Time	Meter Reading	Test	Date	Analyst	Result	#
1			BOD ₅	3/22	AB	≥13600	153
2			Total SS	3/22	AB	6150	
3			pH	3/22	AB	11.98	
4			Organic Carbon				
5			Total Carbon				
6			C.O.D.				
7			O-PO ₄ -P				
8			TP	3/27	2/2/79	48	
9			NH ₃ -N	3/22	AB	< 1.0	
10			TKN	3/27	2/2/79	141	
11			Phenol				
12			Oil & Grease				
13			Nitrate				
14			Nitrite				
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

PW099

200 N. FORT

ROUTING FOR PLAN REVIEW BY CITY DEPARTMENT
AND SECTIONS REQUIRING APPROVAL FOR ISSUANCE
OF A BUILDING PERMIT

Please review the accompanying plans for your sections particular service function as requested below. To help in expediting the plan review process please pass the plans to another section indicated as requiring review and approval as soon as you have completed your particular review.

Do not leave plans on the desk of any section if there is no one available to make the plan review and pass them on; please take them to another section.

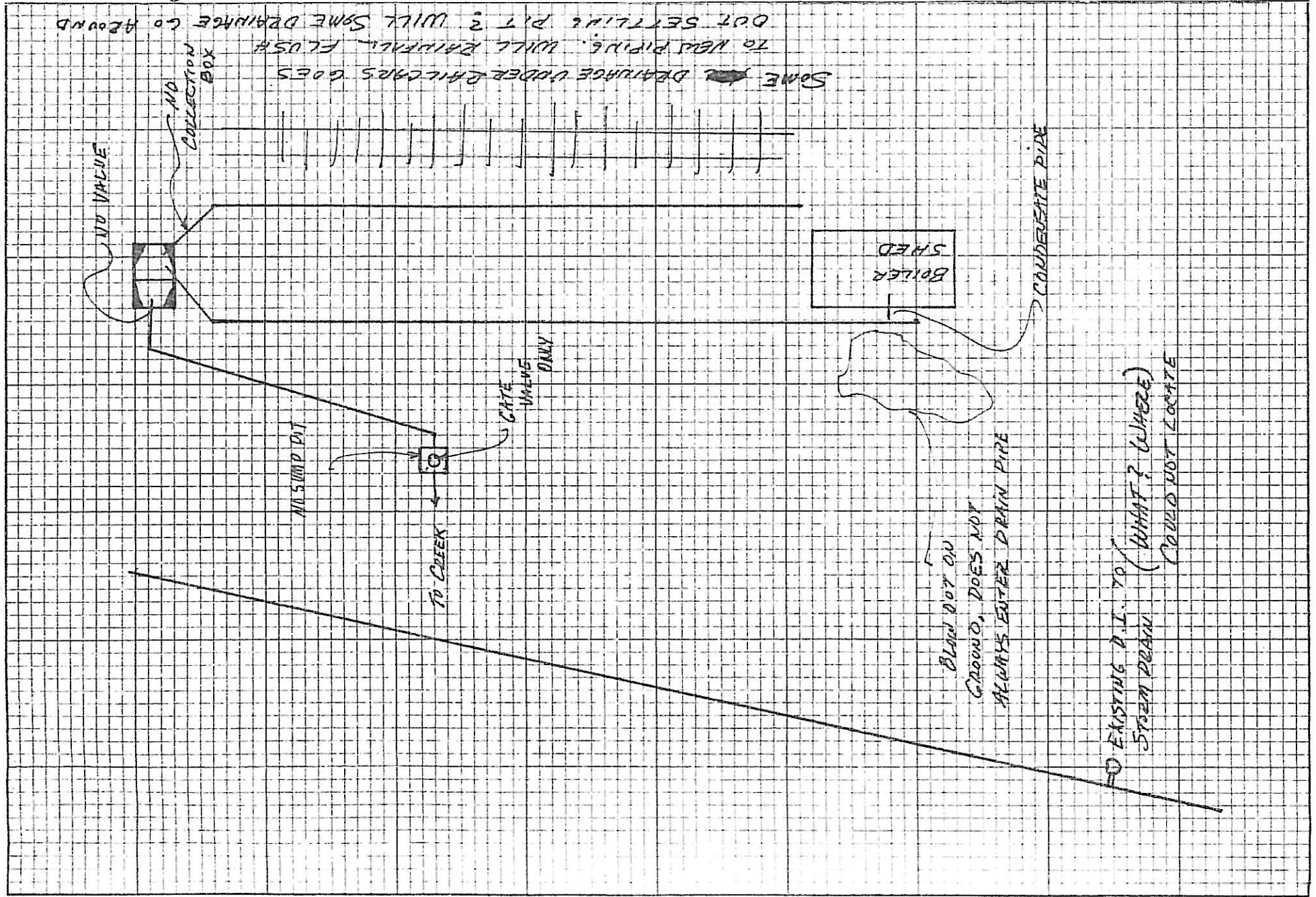
Please make all comments on the fly sheet of the plans; sign your name and the date on which review is completed.

Your cooperation is very much appreciated.

<u>SECTION</u>	<u>NAME</u>
<input type="checkbox"/> <u>Engineering</u>	<u>Heithaus</u>
<input checked="" type="checkbox"/> <u>Sanitary Services</u>	<u>Schaefer</u>
<input type="checkbox"/> <u>Traffic Engineer</u>	<u>Newman</u>
<input type="checkbox"/> <u>Zoning & Planning</u>	<u></u>
<input type="checkbox"/> <u>Health Department</u>	<u></u>

FROM: THE DEPARTMENT OF BUILDING REGULATIONS

RETURN TO HARVEY COOPER



200 N. Fort

3/20/79

HERMANN Plumbing - Job: 220 N. FORT

Bid: Verbal as per Bill Hermann August 78. For
approximate total costs: \$ 4000.00

Project: Drainage, Sump, And pit system for
grease terminal at 220 N. FORT.

Project started October 78 - Project completed
March 79.

Purpose: To collect condensate and grease drainage from

- 1) Steam traps from grease tanks
- 2) Steam outlets from grease tank cars
- 3) Grease spillage from drip pans
- 4) Grease spillage from hoses and connection
- 5) Leakage from grease tanks, piping and mixers
- 6) Wash-down of boiler room
- 7) Boil-down and cleaning of boiler
- 8) Water drainage and checking of grease tanks, grease cars, and grease trailer
- 9) Grease spillage and wash down of tank pad

Reason: 1) To eliminate the possibility of grease
drainage and spillage into Jordan Creek.

- 2) To bring the Affluent within the
guide lines of state requirements
to obtain the permit for drainage on
200 N. FORT

CONNECTION TO CITY SANITARY SEWAGE
LINE.

- 3) To modify the present system for
Spill Prevention; which was termed
inadequate for handling Affluent
drainage and grease spillage both
by the City and state environmental
agencies as per their letters and personal
inspections through testing.

materials: 1) Separation pit - 10' length - 4' width -
4' depth - with baffle for Affluent
discharge
2) Sump pit - 3' length - 2' width - 2' depth
with 4" gate valve mount
3) Approximate 200' of 8" pcu piping
halved and set in concrete Flush
with grease tank pad., to serve as
drainage trough to separation pit
located at east end of pad.
4) Air gap system for drainage into
pit.
5) Affluent drainage piped under
drive through approximate 65'
of 8" pipe to sump pit located
at dike wall where second
separation takes place for final
discharge

200 N. Fort

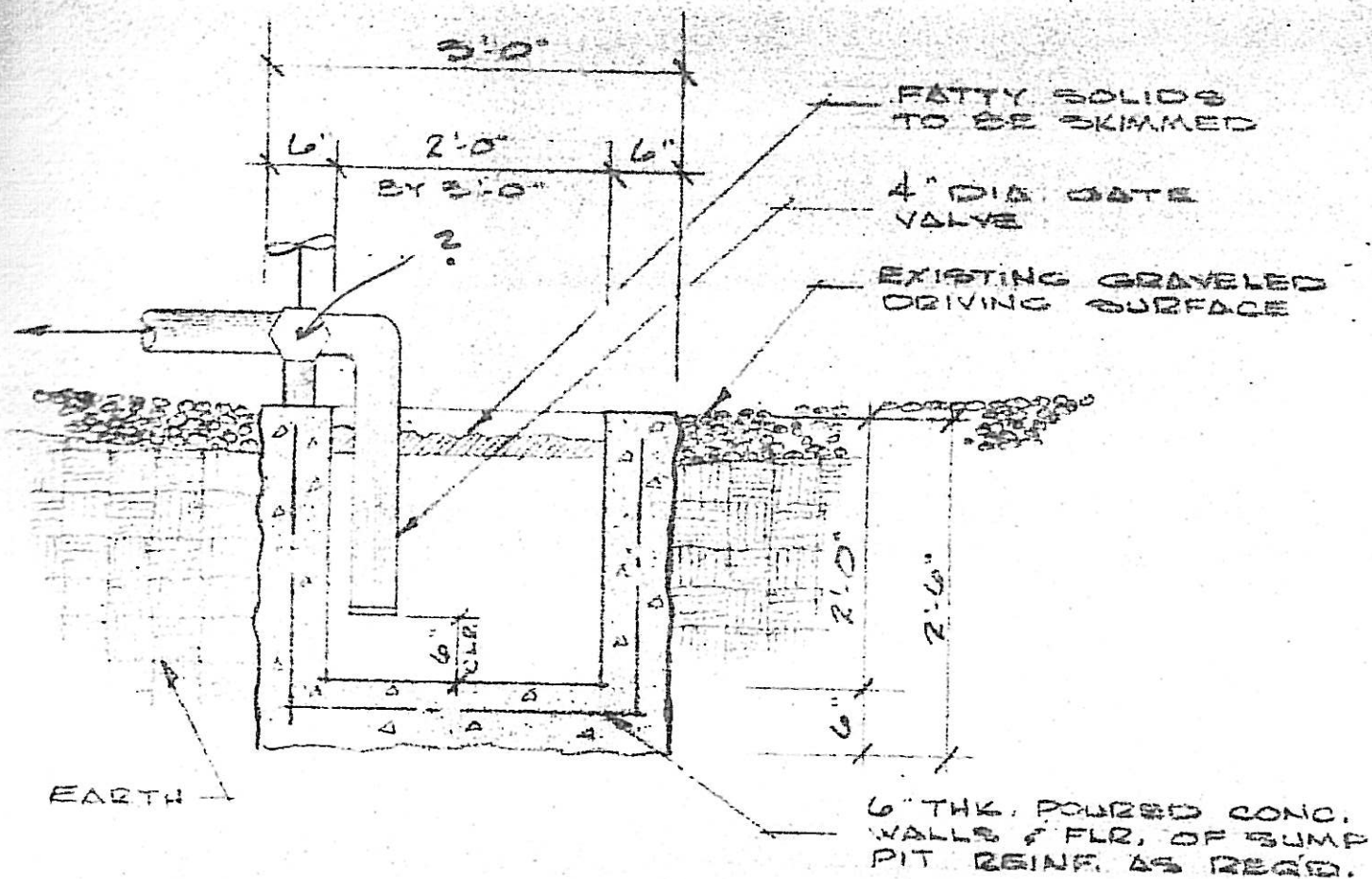
6) TOTAL COSTS OF \$3800.00

includes All:

- 1) Labor
- 2) back-Hoe work
- 3) SEPARATION pit
- 4) Sump pit
- 5) valves
- 6) Piping
- 7) CONCRETE FORMS
- 8) CONCRETE
- 9) base fill
- 10) plumbing

Placement: AS per the PLANS ATTACHED with
modifications NOT shown

Modifications: 1) Air Gap - NORTH and SOUTH pipe
drainage of pad go directly into
pit.
2) complete enclosing and sealing of
Sump pit.
3) elimination of 4" gate valve
ON SEPARATION pit only.
4) elimination of steam fitting ON
SOUTH pipe drainage along pad.

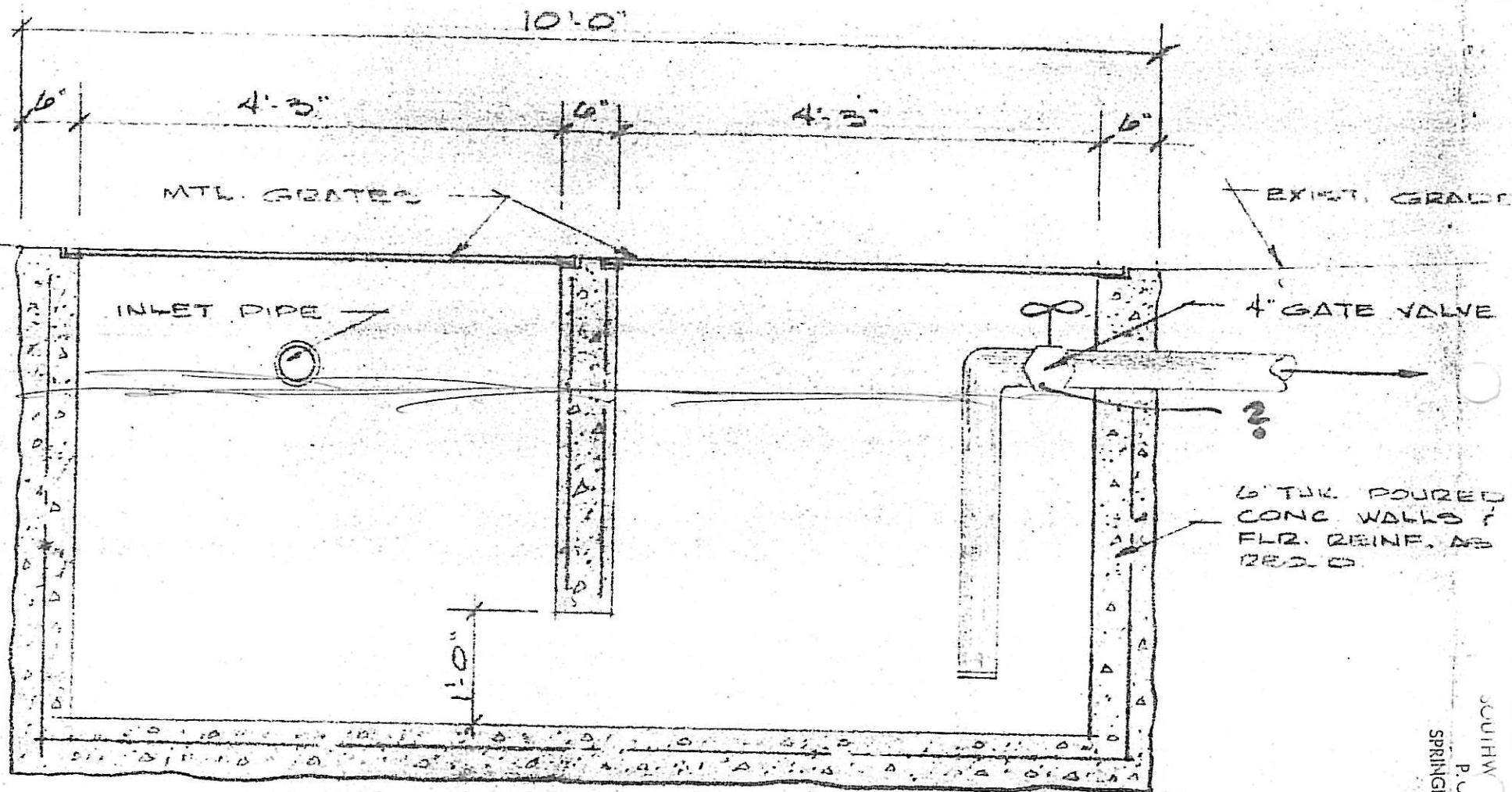


SUMP PIT SECTION

SCALE

3/4" = 1'-0"

SOUTHWEST BY-PRODUCTS, INC.
P.O. BOX 2876-C.S.S.
SPRINGFIELD, MISSOURI 65803



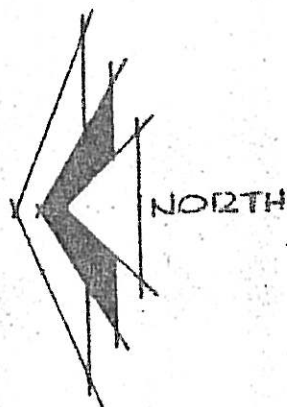
SETTLING TANK SECTION

SCALE

$\frac{3}{4}" = 1'-0"$

SOUTHWEST BY-PRODUCTS, INC.
P. O. BOX 2876 - C.S.S.
SPRINGFIELD, MISSOURI 65803

NEW 2'-0" X 2'-0" X 24" DP.
BUMP PIT W/ 4" GATE
VALVE ON DISCHARGE
SIDE



CREEK

EXIST DIKE
WALL & GUARD
RAIL

EXIST CONC.
PAD

1/2-8" PVC PIPE
AS COLLECTING
TRENCH

NEW SETTLING
TANK W/ 4" GATE VALVE
ON DISCHARGE SIDE

COLLECTION BOX

1/2-8" PVC
PIPE AS
COLLECTING
TRENCH
W/ STEAM
FITTINGS
20' 0"
O.C. FOR
TANK FOR
DISTANCE

EXISTING R.R. TRACKS

SHED

TANK

TANK

TANK

TANK

TANK

TANK

TANK

To

Randy

Date

3-7-79

Time

3:20

By

While You Were Out

Mr.

Ken White

of

Southwest By-Products

☐ Telephoned

☐ Called to See You

☐ Will Call Again

☐ Wants to See You

☒ Please Call Him

☐ Rush!

Phone

833-1214

Message

Ext. 15

200 N. FORT

1.300 Springfield
Southwest By-Products

February 7, 1979

Mr. Ken White
Southwest By-Products
3401 N. Grant
Springfield, MO 65803

Dear Mr. White:

We have reviewed the plans and specifications on the proposed grease containment system to serve the grease terminal on North Fort Street and offer the following comments for your consideration.

1. Will all stormwater drainage between the railroad tracks and the existing dike wall be contained and diverted to the proposed sump?
2. Is there sufficient sump capacity to provide adequate detention time to allow grease to surface in the sump?
3. As shown in the plans, the sump pit piping will not drain the sump.
4. Will the PVC collection trenches be embedded in concrete?
5. Will the spillage from the railroad cars be diverted to the trench on the south side of the tanks?
6. A discharge permit will be required and will contain the following parameters to be monitored: flow, temperature, total suspended solids, and oil & grease. The limits will be as follows: total suspended solids - 30 mg/l; no limit on flow; the temperature of the receiving stream cannot be depressed or elevated more than 50°F; oil & grease - 15 mg/l. If the limits are exceeded, additional treatment or elimination of the discharge will be required.

If you have any questions, please give me a call.

Yours truly,

Jim Davis

Jim Davis
Environmental Engineer II
Springfield Regional Office
Department of Natural Resources

JD/jo

cc: ✓ Mr. Bob Corson, City of
Springfield

200 N. Fort

MAY 3 1984

Source JORDAN CREEK AT FORT SIC Sample Number 462

Set Up By JRL + SDS Date 4/10/84 Time 10:30 AM

Removed by _____ Date _____ Time _____

Flow _____ Meter Start _____ Meter Ending _____

Method _____ Entered in billing file _____ by _____

[illegible]

Chain of Custody Record				REMARKS:
Relinquished By		Received By	Date	Time
<input type="checkbox"/> Sealed	<input type="checkbox"/> Shipped	<input type="checkbox"/> Sealed		
Relinquished By		Received By	Date	Time
<input type="checkbox"/> Sealed	<input type="checkbox"/> Shipped	<input type="checkbox"/> Sealed		
Relinquished By		Received By	Date	Time
<input type="checkbox"/> Sealed	<input type="checkbox"/> Shipped	<input type="checkbox"/> Sealed		
Relinquished By		Received By	Date	Time
<input type="checkbox"/> Sealed	<input type="checkbox"/> Shipped	<input type="checkbox"/> Sealed		

Any TEST That
You Think
Appropriate

200 N. FORT

CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM

ATTENTION OF _____ FILE _____

DATE _____ July 20, 1981 _____

DEPARTMENT _____

Payment in full was received today for the clean-up of the spill that occurred at the Energy Sales Company on Fort at the Jordan Creek on July 2, 1981

200 N. FORT

SIGNED Karen Chandler
Water Pollution Control Inspector II
Surveillance & Enforcement

July 2, 1981

Mr. Clarence Stapp
P. O. 128
Cabool, Missouri 65689

Certified Mail No. P13 7611489
Return Receipt Requested

Dear Mr. Stapp:

Please be advised that on Wednesday, July 1, 1981, personnel from the City of Springfield's Water Pollution Control Section, Surveillance and Enforcement Branch, responded to an oil spill within the corporate limits of the City. The spill apparently occurred when excess storm water entered the dike around Energy Sales and washed oil into the Jordan Creek at Fort Street. As a result of this spill, City personnel had to set up absorbent booms and pads in the Jordan Creek to trap the oil that entered the creek.

The ordinances of the City provide for the recovery of the costs involved in the abatement of a violation under emergency conditions. Payment of those costs should be made to the City of Springfield, Sanitary Services Department and sent to:

City of Springfield
City Hall, Room 210
830 Boonville
Springfield, Mo. 65802
Attention: Mr. Robert Schaefer

Attached to this letter, please find a detailed explanation of the costs involved and a copy of Chapter 30 of the Springfield City Code. If you have any questions, please don't hesitate to call.

Yours truly,

Karen A. Chandler
Water Pollution Control Inspector II
Surveillance and Enforcement

cc: Robert R. Schaefer, P. E., Superintendent of Sanitary Services
Chuck Kroeger, Missouri Department of Natural Resources
Doug Frame, Oil and Hazardous Materials Spills, E.P.A.
Fred Fantauzzi, Director of Finance

200 N. Fort

PERSONNEL COSTS: SURVEILLANCE & ENFORCEMENT

July 1, 1981

	Burden Rate	Time at Site	Costs
R. L. Lyman	\$14.55	1 hour	\$14.55
J. D. Slaughter	11.00	1 hour	11.00
K. A. Chandler	10.48	2 hours	20.96

EQUIPMENT COSTS

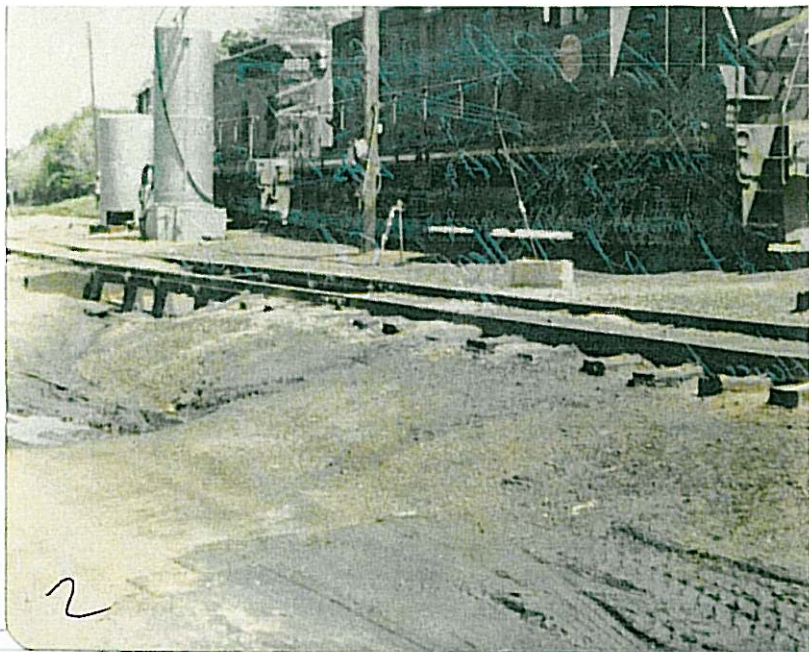
July 1, 1981

Sorbant Booms 2 @ \$37.50/a piece	75.00
Sorbant Pads 12 @ \$1.00/ a piece	12.00

TOTAL COST	<u>\$133.51</u>
------------	-----------------



1



2



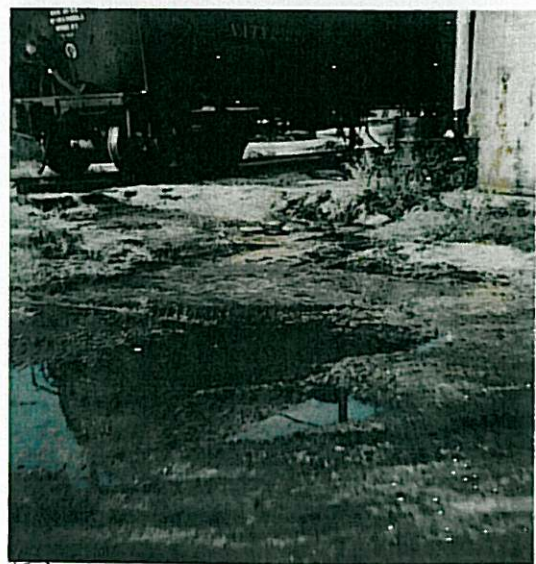
3



4



5



6

MoPac

8-29-72 15:30

Missouri Pacific RR.

oil below spring tributary
to ~~St. Louis~~ just above Fort.

Focus large pools in background
of picture

C 2 3 2 0 2 1

Mo. Pac. R.R. ~~RR~~
fueling AREA East of
Fort At College St. Poor
Horse keeping.

2

NO

POLACOLOR ©

MoPac

8-29-72 15:30

Mo. Pacific RR

Spillage from oil and/or
molasses? Storage tanks

Looking W
Runs into Trench

C 2 3 2 0 2 1

3

MoPac

8-29-72 15:30

Missouri Pacific RR. Yard

Pointer shows maggots
just under ground surface.

Dumping Evidently from Rendering

C 2 3 2 0 2 1

4

POLACOLOR ©

N

POLACOLOR ©

MoPac

8-29-72 15:30

Mo. Pacific RR

Spillage from oil and/or

molasses Storage?

Looking ~~ENE~~ Runs into Trench

C 2 3 2 0 2 1

5

POLACOLOR ©

Missouri Pacific Railway

C 2 3 2 0 2 1

6